

## CLAIMS

1. A medical solution comprising a first single  
solution containing glucose and/or glucose-like compound,  
5 wherein said first single solution has a pH in the range  
of 1.8 - 2.6.

2. The medical solution according to claim 1,  
wherein said first single solution has a pH in the range  
of 2.0 - 2.6.

10 3. The medical solution according to claim 1,  
wherein said first single solution has a pH in the range  
of 1.8 - 2.5.

4. The medical solution according to claim 1,  
wherein said first single solution has a pH in the range  
15 of 2.0 - 2.5.

5. The medical solution according to claim 1,  
wherein said first single solution has a pH in the range  
of 1.8 - 2.3.

6. The medical solution according to claim 1,  
20 wherein said first single solution has a pH in the range  
of 2.0 - 2.3.

7. The medical solution according to any of the  
previous claims, wherein the medical solution comprise a  
second single solution containing a buffer solution  
25 having such a pH and buffering capacity that when said  
first and second single solutions up on use are to be  
mixed to form a final solution, said final solution has a  
pH of 6.0 - 7.6.

8. The medical solution according to any of the  
30 previous claims, wherein the medical solution further  
contains one or more electrolytes.

9. The medical solution according to claim 8, wherein said electrolytes comprise one or more of the ions of sodium, calcium, potassium, magnesium and/or chloride.

5        10. The medical solution according to claim 8 or 9, wherein one or more electrolytes are arranged in said second single solution.

10        11. The medical solution according to any of claims 8-10, wherein one or more electrolytes are arranged in said first single solution.

15        12. The medical solution according to any of the previous claims, wherein the medical solution further comprises a third single solution and wherein said third single solution also contains glucose and/or glucose-like compounds and has a pH of at least 1.8, preferably at least 2.0 and a pH of at most 2.6, preferably at most 2.5, most preferably at most 2.3.

20        13. The medical solution according to claim 12, wherein one or more electrolytes are arranged in said third single solution.

25        14. A medical solution according to claim 12 or claim 13, wherein said first and third single solutions contain different total amounts of glucose and/or glucose-like compounds, wherein said first and third single solutions, up on use, individually or jointly is/are to be mixed with said second single solution to form a final solution, and wherein said final solution has a pH in the range of 6.0 - 7.6.

30        15. The medical solution according to any of claims 7 to 14, wherein the different single solutions are provided in different compartments in a multi-compartment bag before being mixed to the final solution.

16. A method for producing a medical solution according to any of the previous claims, said method comprising:

providing said first single solution and optional  
5 second and third single solutions in separate compartment(s), and thereafter

terminal sterilizing said single solution(s).

17. A method according to claim 16, wherein terminal sterilization is heat sterilization and/or radiation  
10 sterilization.

18. A method according to claim 16 or 17, wherein terminal sterilization is heat sterilization at a temperature of at least 100°C, preferably at least 121°C.

19. A method according to any of claims 16-18,  
15 wherein said first single solution and said second single solution, after terminal sterilization and up on use, are mixed to form a final solution.

20. A method according to any of claims 16-18, wherein said second single solution and said third single  
20 solution, after terminal sterilization and up on use, are mixed to form a final solution.

21. A method according to any of claims 16-18, wherein said first single solution, said third single solution and said second single solution, after terminal  
25 sterilization and up on use, are mixed to form a final solution.

22. A multi-compartment bag comprising the medical solution according to any of claims 1-15.

23. A use of a medical solution according to any of  
30 claims 1-15.